

FIG. 1

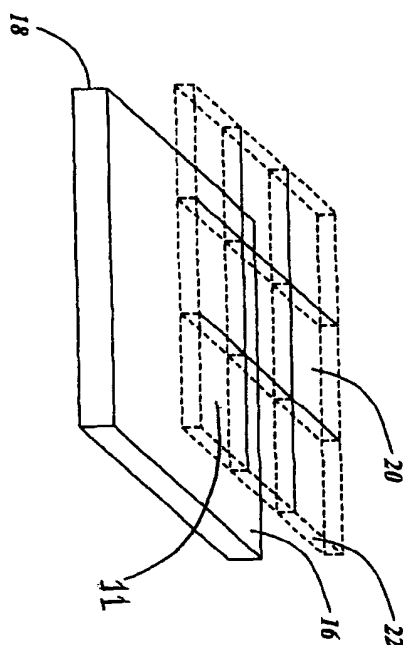


FIG. 2

FIG. 3

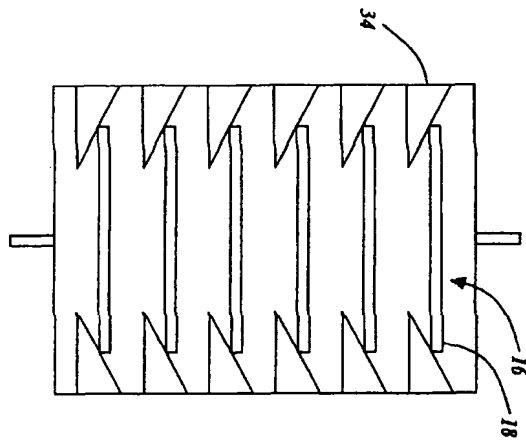
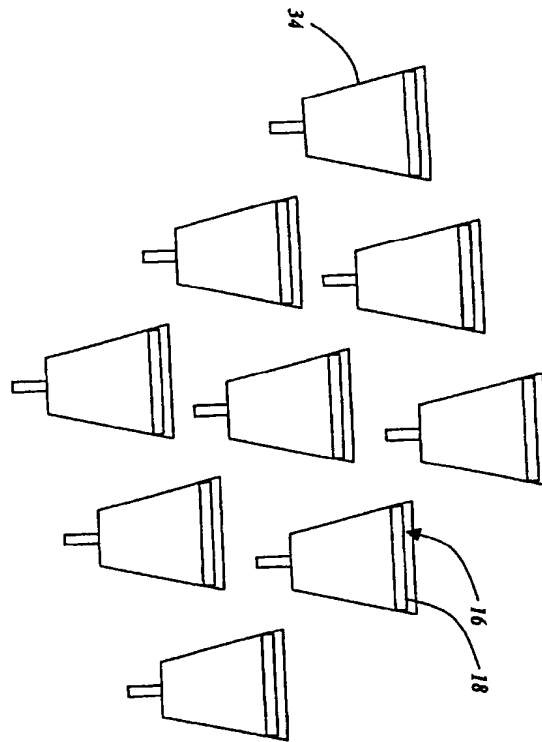


FIG. 4



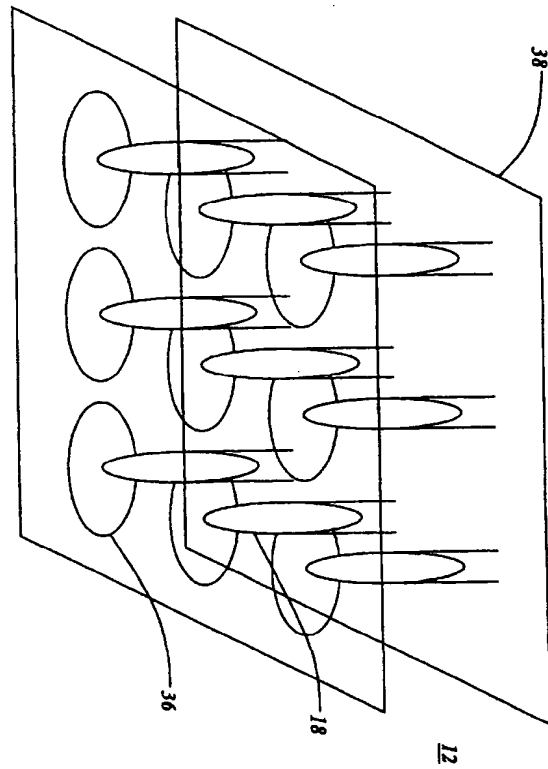


FIG. 5

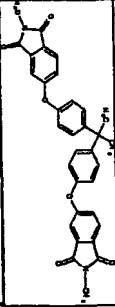
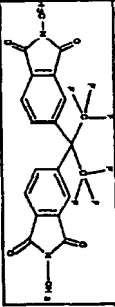
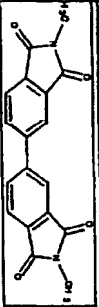
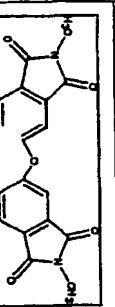
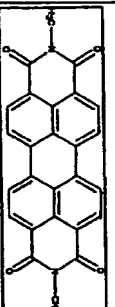
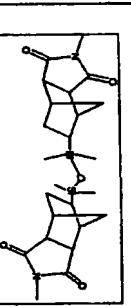
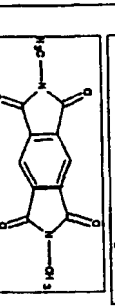
Model Compound	$\alpha, \log P$	$\text{cMFI}(\text{cm}^3)$
	8.06 ± 0.54	149.48 ± 0.3
	2.97 ± 0.82	97.51 ± 0.3
	2.85 ± 0.79	83.04 ± 0.3
	3.39 ± 0.43	84.89 ± 0.3
	5.08 ± 0.77	122.50 ± 0.3
	4.23 ± 1.05	128.17 ± 0.4
	0.73 ± 0.38	58.44 ± 0.3

Fig. 6

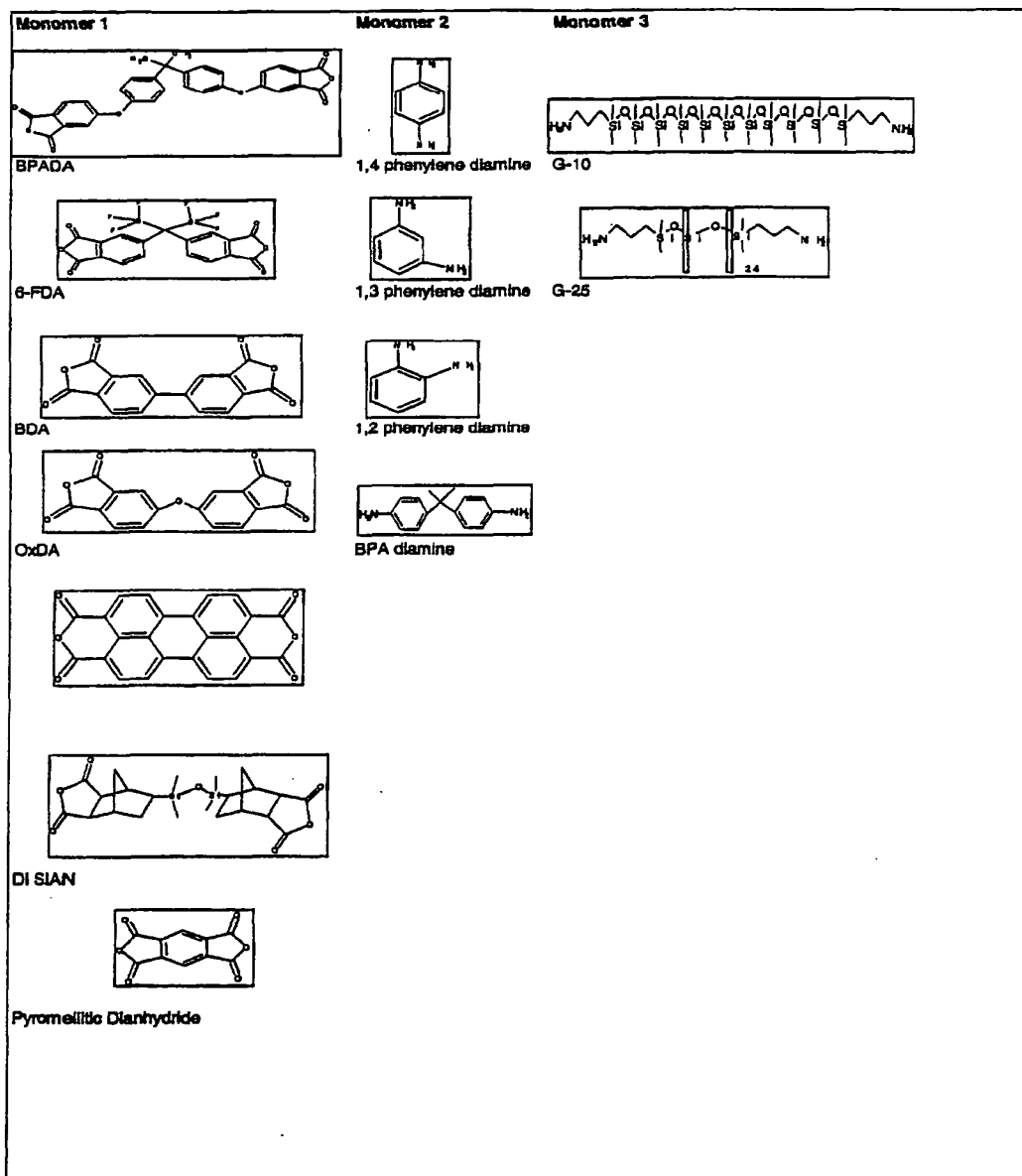
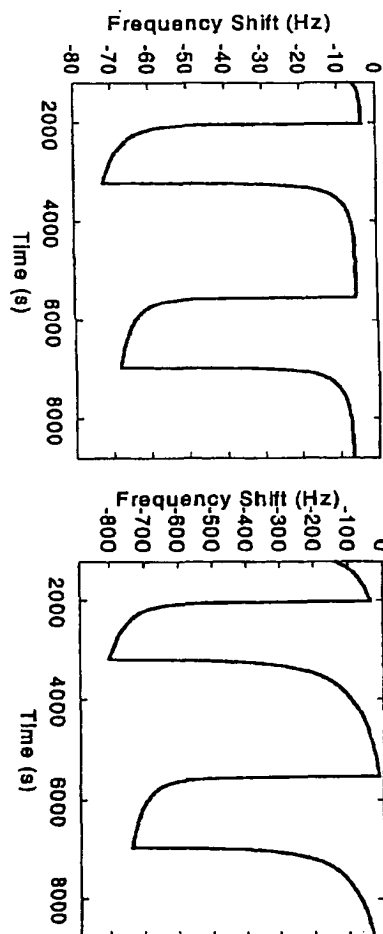


Fig. 7



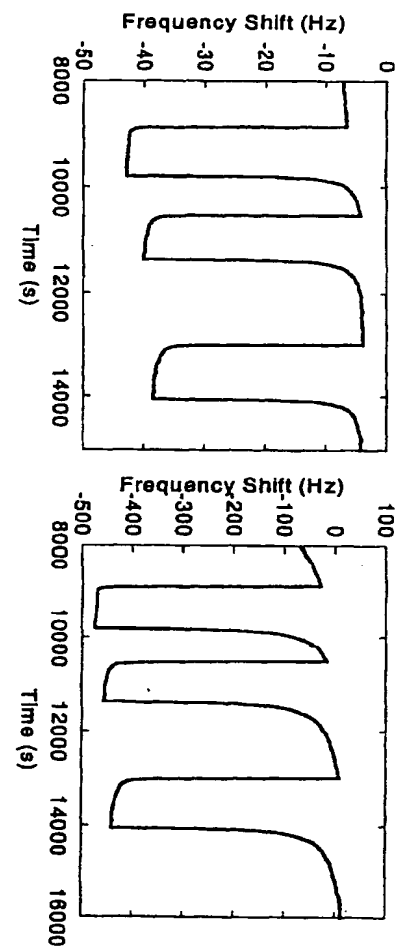


Fig. 9

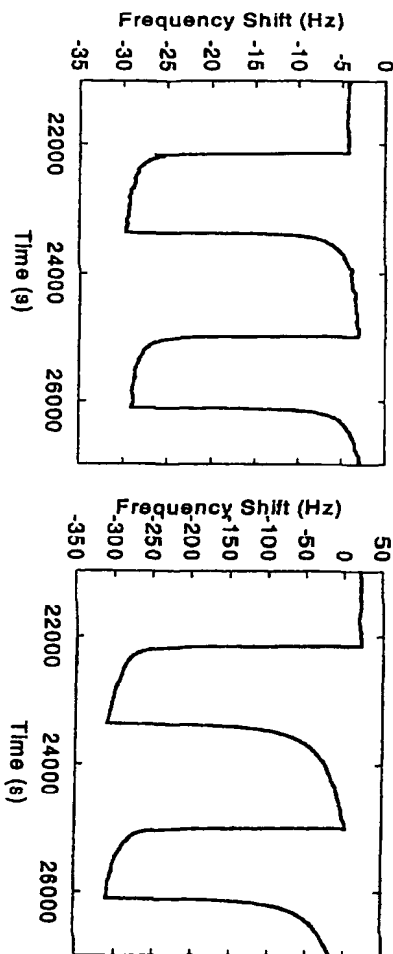


Fig. 10

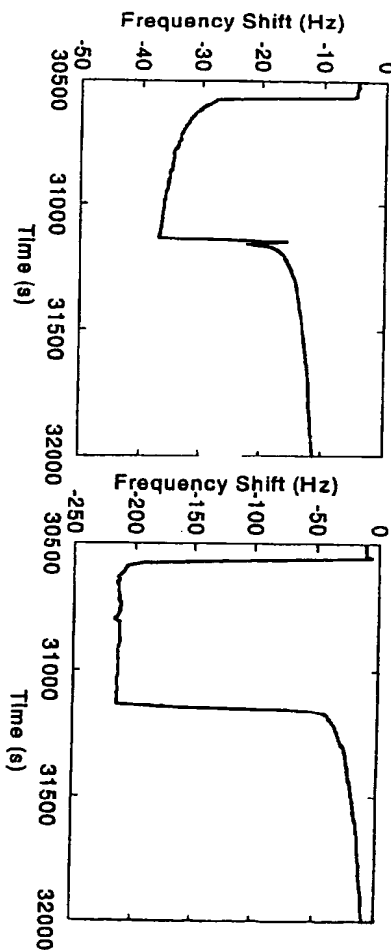


Fig. 11

METHOD OF MANUFACTURING AND EVALUATING SENSOR COATINGS AND THE SENSORS DERIVED THEREFROM

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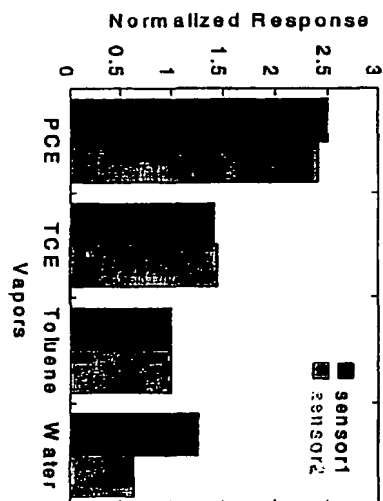


Fig. 12

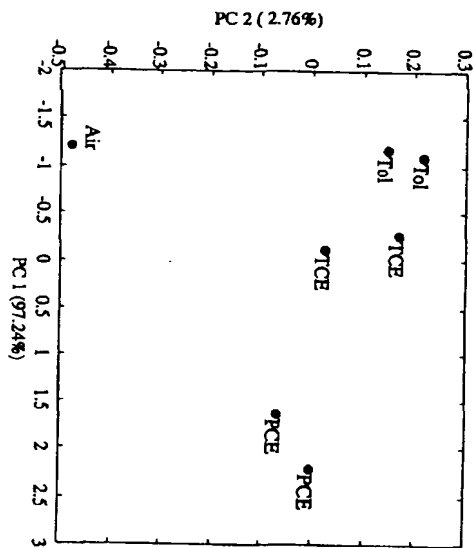


Fig. 13

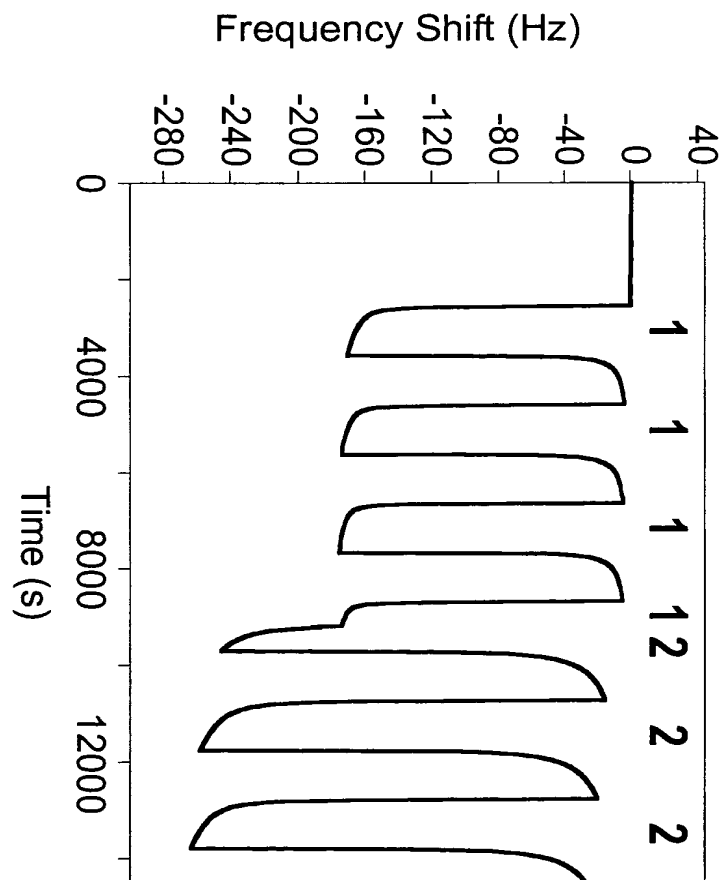


Fig. 14

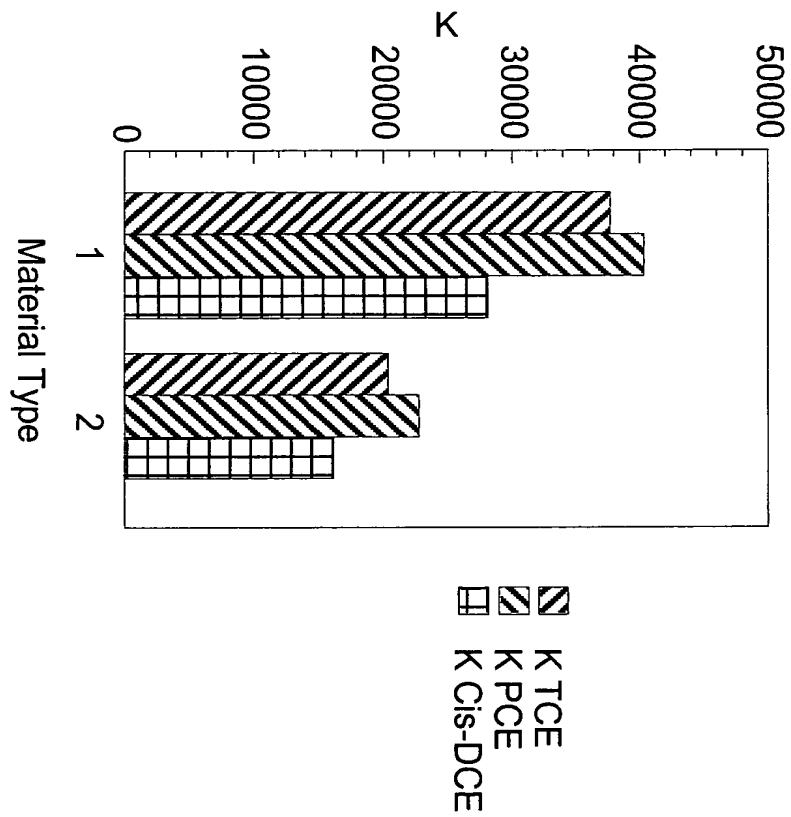


Fig. 15

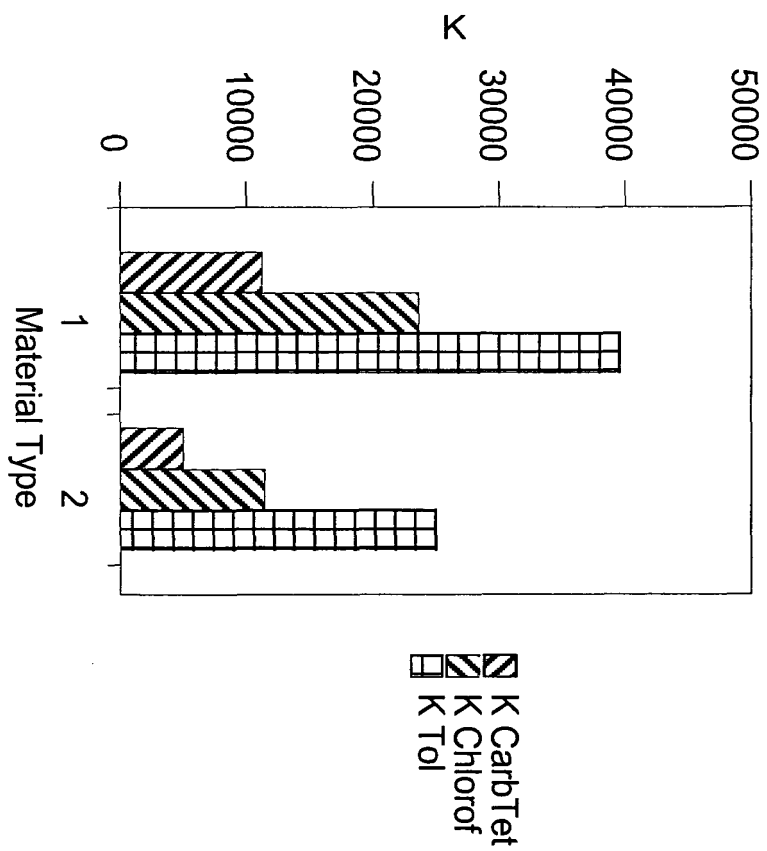


Fig. 16

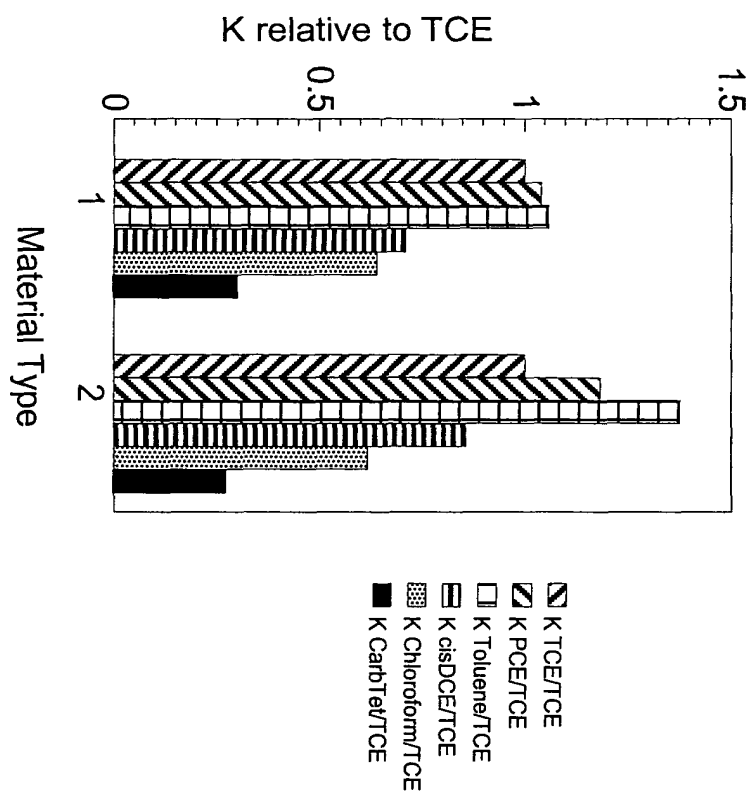


Fig. 17